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NEWS 1 Web Page for STN Seminar Schedule - N. America  
NEWS 2 AUG 06 CAS REGISTRY enhanced with new experimental property tags  
NEWS 3 AUG 06 FSTA enhanced with new thesaurus edition  
NEWS 4 AUG 13 CA/CAplus enhanced with additional kind codes for granted patents  
NEWS 5 AUG 20 CA/CAplus enhanced with CAS indexing in pre-1907 records  
NEWS 6 AUG 27 Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB  
NEWS 7 AUG 27 USPATOLD now available on STN  
NEWS 8 AUG 28 CAS REGISTRY enhanced with additional experimental spectral property data  
NEWS 9 SEP 07 STN AnaVist, Version 2.0, now available with Derwent World Patents Index  
NEWS 10 SEP 13 FORIS renamed to SOFIS  
NEWS 11 SEP 13 INPADOCDB enhanced with monthly SDI frequency  
NEWS 12 SEP 17 CA/CAplus enhanced with printed CA page images from 1967-1998  
NEWS 13 SEP 17 CAplus coverage extended to include traditional medicine patents  
NEWS 14 SEP 24 EMBASE, EMBAL, and LEMBASE reloaded with enhancements  
NEWS 15 OCT 02 CA/CAplus enhanced with pre-1907 records from Chemisches Zentralblatt  
NEWS 16 OCT 19 BEILSTEIN updated with new compounds  
NEWS 17 NOV 15 Derwent Indian patent publication number format enhanced  
NEWS 18 NOV 19 WPIX enhanced with XML display format  
NEWS 19 NOV 30 ICSD reloaded with enhancements  
NEWS 20 DEC 04 LINPADOCDB now available on STN  
NEWS 21 DEC 14 BEILSTEIN pricing structure to change  
NEWS 22 DEC 17 USPATOLD added to additional database clusters  
NEWS 23 DEC 17 IMSDRUGCONF removed from database clusters and STN  
NEWS 24 DEC 17 DGENE now includes more than 10 million sequences  
NEWS 25 DEC 17 TOXCENTER enhanced with 2008 MeSH vocabulary in MEDLINE segment  
NEWS 26 DEC 17 MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary  
NEWS 27 DEC 17 CA/CAplus enhanced with new custom IPC display formats  
NEWS 28 DEC 17 STN Viewer enhanced with full-text patent content from USPATOLD  
  
NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

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NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 18 DEC 2007 HIGHEST RN 958693-84-0  
DICTIONARY FILE UPDATES: 18 DEC 2007 HIGHEST RN 958693-84-0

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TSCA INFORMATION NOW CURRENT THROUGH June 29, 2007

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stnqgen/stndoc/properties.html>

```
=>  
Uploading C:\Program Files\Stnexp\Queries\10516727e.str
```



```

chain nodes :
6 12 13 15
ring nodes :
1 2 3 4 5 7 8 9
chain bonds :
1-15 4-6 6-7 7-12 9-13
ring bonds :
1-2 1-5 2-3 3-4 4-5 7-8 7-9 8-9
exact/norm bonds :
1-2 1-5 1-15 2-3 3-4 4-5 4-6 7-8 7-9 7-12 8-9 9-13
exact bonds :
6-7
isolated ring systems :
containing 1 :

```

G1:Cy,Ak,H

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:Atom 8:Atom 9:Atom 12:CLASS
13:CLASS 15:CLASS

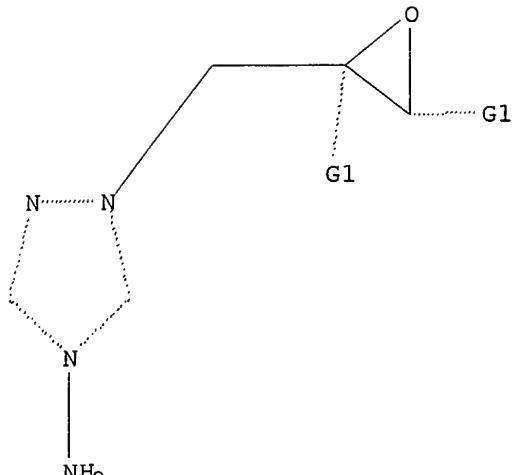
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L1 STRUCTURE UPLOADED

```

=> d
L1 HAS NO ANSWERS
L1 STR

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G1 Cy,Ak,H

Structure attributes must be viewed using STN Express query preparation.

```
=> s 11
SAMPLE SEARCH INITIATED 15:14:11 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 2 TO ITERATE

100.0% PROCESSED 2 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2 TO 124
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s 11 full
FULL SEARCH INITIATED 15:14:13 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 23 TO ITERATE

100.0% PROCESSED 23 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

L3 2 SEA SSS FUL L1

=> fil caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
                           ENTRY SESSION
FULL ESTIMATED COST 172.10 172.31

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FILE COVERS 1907 - 19 Dec 2007 VOL 147 ISS 26  
FILE LAST UPDATED: 18 Dec 2007 (20071218/ED)

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They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> s 13  
L4 1 L3

=> d ibib abs hitstr tot

ACCESSION NUMBER: 2004:2879 CAPLUS

DOCUMENT NUMBER: 140:59646

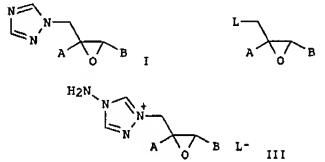
**TITLE:** Preparation of 1,2,4-triazol-1-ylmethylloxiranes from aminotriazole and epoxymethyl mesylates.  
**INVENTOR(S):** Noack, Rainer; Sander, Michael; Henningsen, Michael  
**PATENT ASSIGNEE(S):** Basf Aktiengesellschaft, Germany  
**SOURCE:** PCT Int. Appl., 28 pp.  
**CODEN:** PIXXD2  
**DOCUMENT TYPE:** Patent  
**LANGUAGE:** German  
**FAMILY ACC. NUM. COUNT:** 1

**PATENT INFORMATION:**

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004000835	A1	20031231	WO 2003-EP5950	20030606
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JE, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG				
CA 2488828	A1	20031231	CA 2003-2488828	20030606
AU 2003242638	A1	20040106	AU 2003-242638	20030606
BR 2003011461	A	20050329	BR 2003-11461	20030606
EP 1517906	A1	20050330	EP 2003-760593	20030606
EP 1517906	B1	20070328		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
CN 1662525	A	20050831	CN 2003-814786	20030606
JP 2005535615	T	20051124	JP 2004-514568	20030606
AT 358127	T	20070415	AT 2003-760593	20030606
NZ 536848	A	20070531	NZ 2003-536848	20030606
MX 2004PA1458	A	20050214	MX 2004-PA1458	20041118
US 2005176967	A1	20050811	US 2004-516727	20041206
IN 2004CN03116	A	20060217	IN 2004-CN3116	20041231
ZA 200500607	A	20060726	ZA 2005-607	20050121
DE 2002-10228196	A	20020624		
WO 2003-EP5950		W 20030606		

PRIORITY APPN. INFO.: CASREACT 140:59646; MARPAT 140:59646

GI



**AB** Title compds. [I; A, B = alkyl, phenylalkyl, cycloalkyl, cycloalkenyl, tetrahydrodipropyl, tetrahydrofuryl, dioxanyl, (substituted) Ph], were prepared by reaction of 4-amino-1,2,4-triazole with II (A, B as above; L = leaving group) to give aminotriazolium salts III (L = anion of leaving group; A, B as above) and treatment of the latter with alkali nitrates and acid, or with organic nitrites. Thus, 4-amino-1,2,4-triazole in n-butylglycol at 90° was treated dropwise with II (L = MeSO2O; A = 4-FC6H4; B = 2-ClC6H4) in Me2SO at 130 mbar under distillation of Me2SO to give 99% III (L = MeSO2O; A = 4-FC6H4; B = 2-ClC6H4). The latter in aqueous HCl at

0° was treated with aqueous NaNO2 followed by warming to room temperature to give 95% epoxymonazole.

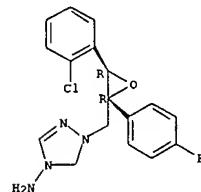
**IT** 639080-09-4P  
**RL:** RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation of triazolylmethyloxiranes from aminotriazole and epoxymethyl mesylates)

**RN** 639080-09-4 CAPLUS  
**CN** 1H-1,2,4-Triazolium, 4-amino-1-[(2R,3R)-3-(2-chlorophenyl)-2-(4-fluorophenyl)oxiranyl]methyl-, rel-, methanesulfonate (9CI) (CA INDEX NAME)

CM 1

CRN 639080-08-3  
CMF C17 H15 Cl F N4 O

## Relative stereochemistry.



## ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

CM 2

CRN 16053-58-0  
CMF C H3 O3 S

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> log y

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FULL ESTIMATED COST	5.74	178.05
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